IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 2, 8-12, 14, and 16-22 without prejudice or disclaimer, AMEND claims 1, 3, and 13, and ADD new claim 23, in accordance with the following:

1. (CURRENTLY AMENDED) An apparatus for controlling the power of a monitor, comprising:

~~a~~a computer to output~~ting~~ a predetermined signal, by a video processor portion of the computer, to indicat~~inge~~ whether the computer is powered on ~~or off~~; ~~and~~

a monitor receiving the predetermined signal and powering on and off ~~according to~~based upon the predetermined signal; and

the video processor section to process and transmit video signals to the monitor through an external connection,

wherein the predetermined signal output from the video processor section is output from a predetermined external pin of the external connection, and

wherein, based on the predetermined signal being transmitted to the monitor when the monitor is powered off, monitor information resident in the monitor is still readable by the computer.

2. (CANCELED) The apparatus of claim 1, further comprising:

a video card processing and transmitting video signals to the monitor;

wherein the predetermined signal output from the computer is output from a predetermined pin of the video card; and

wherein the predetermined signal is transmitted to the monitor whether the monitor is powered on or off, so that monitor information is readable.

3. (CURRENTLY AMENDED) The apparatus of claim 1, wherein the monitor comprises:

a memory storing the monitor information, wherein the monitor information is provided to the computer whether the monitor is powered on or off;

a control unit comparing a reference level with a level of the predetermined signal, detecting a state of power of the computer based on a result of the comparison, and outputting a monitor power control signal; and

a power supply unit supplying or cutting off power to the monitor in accordance with the monitor power control signal output from the control unit.

4. (ORIGINAL) The apparatus of claim 3, wherein the predetermined signal drives the memory so that the monitor information stored in the memory is read.

5. (ORIGINAL) The apparatus of claim 3, wherein the control unit outputs a first control signal to supply power to the monitor in response to the level of the predetermined signal being higher than the reference level, and the control unit outputs a second control signal to cut off power to the monitor in response to the level of the predetermined signal being lower than the reference level.

6. (ORIGINAL) The apparatus of claim 5, wherein the level of the predetermined signal is 5V in response to the computer being powered on, and 0V in response to the computer being powered off.

7. (ORIGINAL) The apparatus of claim 1, further comprising a serial cable, wherein the predetermined signal is transmitted from the computer to the monitor via the serial cable.

8. (CANCELED) An apparatus for controlling the power of a monitor, comprising:

a computer outputting a predetermined signal, in addition to data signals, indicating whether the computer is powered on or off; and

a monitor receiving the predetermined signal and the data signals, and powering on and off according to the predetermined signal.

9. (CANCELED) The apparatus of claim 8, wherein the predetermined signal output from the computer is output from a predetermined pin that is not used in a transmission line for data communication between the computer and the monitor, and controls the powering on and off of the monitor.

10. (CANCELED) The apparatus of claim 8, wherein the monitor is powered off when the predetermined signal is not received from the computer due to the computer being in a DPMS (Display Power Management System) mode or in a power off mode.

11. (CANCELED) The apparatus of claim 8, wherein the monitor is powered on in response to the monitor receiving the predetermined signal transmitted from the computer after the monitor has been powered off.

12. (CANCELED) The apparatus of claim 8, further comprising:

a control unit;

a power unit; and

one or more switches;

wherein the control unit outputs a power switching control signal to the one or more switches to control a power supply from the power unit in response to the predetermined signal, and the one or more switches route the power supply to other elements of the monitor.

13. (CURRENTLY AMENDED) A method of controlling the power of a monitor, the method comprising:

receiving, by a monitor, a predetermined signal from a video processing section of a computer, receipt of the predetermined signal indicating whether the computer is powered on or off; and

powering the monitor on and off, according to receipt of the predetermined signal, and accordingly powering off the monitor when the predetermined signal is not received- or indicates that the computer is off,

wherein, when the monitor is powered off, monitor information resident in the monitor is still readable by the computer based upon receipt of the predetermined signal.

14. (CANCELED) The method of claim 13, wherein the predetermined signal is transmitted to the monitor whether the monitor is powered on or off, so that monitor information is readable.

15. (ORIGINAL) The method of claim 13, wherein the powering on and off of the monitor further comprises:

detecting a level of the received predetermined signal;

supplying power to the monitor in response to the level of the predetermined signal being higher than a reference level; and

cutting off power to the monitor in response to the level of the predetermined signal being lower than the reference level.

16. (CANCELED) A method of operating a monitor that displays signals transmitted from a computer, the method comprising:

receiving a predetermined signal transmitted to the monitor from the computer indicating whether the computer is powered on or off; and

powering the monitor on and off according to the predetermined signal.

17. (CANCELED) The method of claim 16, wherein the predetermined signal output from the computer is output from a predetermined pin that is not used in a transmission line for data communication between the computer and the monitor, and controls the powering on and off of the monitor.

18. (CANCELED) The method of claim 16, wherein the monitor is powered off when the predetermined signal is not received from the computer due to the computer being in a DPMS (Display Power Management System) mode or in a power off mode.

19. (CANCELED) The method of claim 16, wherein the monitor is powered on in response to the monitor receiving the predetermined signal transmitted from the computer after the monitor has been powered off.

20. (CANCELED) A system comprising:

a computer outputting a predetermined signal indicating whether the computer is powered on or off; and

a monitor receiving the predetermined signal and powering on and off according to the predetermined signal.

21. (CANCELED) A monitor usable with a computer, comprising:

a control unit connected to the computer by a serial cable;

wherein the monitor is powered on and off according to a predetermined signal from the computer indicating whether the computer is powered on or off.

22. (CANCELED) The monitor of claim 21, further comprising a power supply unit, wherein the control unit senses the predetermined signal and controls the power supply to supply, or to stop supplying, power to the monitor.

23. (NEW) The apparatus of claim 1, wherein the video processing section of the computer is a video card.